

Please type a plus sign (+) inside this box

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			<i>Complete if Known</i>	
			Application Number	New Application
			Filing Date	Herewith
			First Named Inventor	Jay H. Connelly
			Group Art Unit	Not Yet Assigned 2616
Examiner Name	Not Yet Assigned			
Sheet 1 of 3	Attorney Docket Number		04239011866	

U.S. PTO
 09/02/05
 06/16/05

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	REPLAYTV, "What is ReplayTV?: Introducing the new ReplayTV 2020.", www.replaytv.com/overview/index.htm, March 21, 2000	
	REPLAYTV, "Features: Your time, your schedule...", www.replaytv.com/overview/features.htm, March 21, 2000	
	REPLAYTV, "Frequently Asked Questions: Will ReplayTV make me more popular? And other frequently asked questions." www.replaytv.com/overview/faqs.htm, March 21, 2000	
	REPLAYTV, "replay: features/benefits", www.replaytv.com/overview/details.htm, March 21, 2000	
	REPLAYTV, "Competitive Differences: ReplayTV Rules. Here's why...", www.replaytv.com/overview/differences.htm, March 21, 2000	

Examiner Signature	Date Considered	5-25-05
--------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/APTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	New Application
		Filing Date	Herewith
		First Named Inventor	Jay H. Connelly
		Group Art Unit	Not Yet Assigned 2616
Examiner Name	Not Yet Assigned		
Sheet 2 of 3	Attorney Docket Number 042390P11866		

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
JP	REPLAYTV, "Technical Specifications", www.replaytv.com/overview/techspecs.htm, March 21, 2000	
JP	TiVo, "What is TiVo?: A Better Way to Watch TV.", www.tivo.com/what/intro.html, March 21, 2000	
JP	TiVo, "What is TiVo?: Control LIVE TV.", www.tivo.com/what/intro2.html, March 21, 2000	
JP	TiVo, "What is TiVo?: Something GOOD is Always On.", www.tivo.com/what/intro3.html, March 21, 2000	
JP	TiVo, "What is TiVo?: Channel SURF in a Whole New Way." www.tivo.com/what/intro4.html, March 21, 2000	

Examiner Signature 	Date Considered 5-25-05
--	-------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box 

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031





Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	New Application
				Filing Date	Herewith
				First Named Inventor	Jay H. Connelly
				Group Art Unit	Not Yet Assigned 2616
Examiner Name	Not Yet Assigned				
Sheet	3	of	3	Attorney Docket Number	042390P11866

U.S. PATENT DOCUMENTS					
Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				

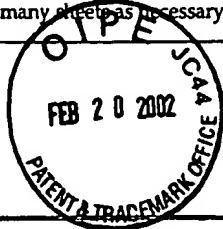
FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	TiVo, "What is TiVo?: DIGITAL Recordings without the Tape.", www.tivo.com/what/intro5.html, March 21, 2000	
	TiVo, "What is TiVo?: What You Want, When You Want It.", www.tivo.com/what/how.html, March 21, 2000	
	TiVo, "What is TiVo?: PRODUCT Specifications.", www.tivo.com/what/how2.html, March 21, 2000	
	TiVo, "Frequently asked QUESTIONS.", www.tivo.com/what/faq_sub.html, March 21, 2000	


Examiner Signature		Date Considered	5-25-05
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P11866	Application Number: 09/882,485
Page 1 of 2		First Named Inventor: Jay H. Connelly	RECEIVED FEB 28 2002
		Filing Date: June 15, 2001	



U.S. PATENT DOCUMENTS						Technology Center 2600
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
		4,602,279		Freeman	07/22/86	
		5,155,591		Wachob	10/13/92	
		5,444,499		Saitoh	08/22/95	
		5,446,919		Wilkins	08/29/95	
		5,564,088		Saitoh	10/08/96	
		5,600,364		Hendricks et al.	02/04/97	
		5,686,954		Yoshinobu et al.	11/11/97	
		5,945,988		Williams et al.	08/31/99	
		5,977,964		Williams et al.	11/02/99	
		5,991,841		Gafken et al.	11/23/99	
		6,002,393		Hite et al.	12/14/99	
		6,020,883		Herz et al.	02/01/00	
		6,114,376		Prichard et al.	09/05/00	
		6,119,189		Gafken et al.	09/12/00	
		6,131,127		Gafken et al.	10/10/00	
		6,144,376		Connelly	11/07/00	
		6,184,918	B1	Goldschmidt Iki et al.	02/06/01	

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³ Code ⁵	Number ⁴	Kind (If known)				
				WO 00/01149	NDS LIMITED	01-06-00		
				WO 99/65237	METABYTE, INC.	12-16-99		

Examiner Signature		Date Considered	5-25-05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for Form 1449-PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P11866	Application Number: 09/882,485
Page 2 of 2		First Named Inventor: Jay H. Connelly	RECEIVED FEB 28 2002
		Filing Date: June 15, 2001	Technology Center 2600

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
<i>JD</i>		Intel: Intel Architecture Labs. Internet and Broadcast: The Key To Digital Convergence. Utilizing Digital Technology to Meet Audience Demand, 2000, Pages 1-4.	
		Intel: Intel Architecture Labs. Client Infrastructure for Internet-Based Data Services for Digital Television: Enabling A New Class of DTV Services, 2000, Pages. 1-10.	
		Enhanced Digital Broadcast, Web Page [online]. IAL Digital Entertainment [retrieved on 8 - 21, 2001] Retrieved from the Internet: <URL: http://www.developer.intel.com/ial/home/digentertain/edb.htm . Pages 1-3.	
		Internet Protocol (IP) Multicast Technology Overview. White paper [online]. Cisco System, Inc. June 27, 2001. [retrieved on 6/29/2001] Retrieved from the Internet: <URL: http://www.cisco.com/warp/public/cc/pd/iosw/tech/ipmu_ov.htm Pages 1-16.	
		SMYTH, B. et al, A Personalized Television Listings Service; Communications of the ACM; August 2000, Vol. 43, No. 8., Pages 107-111.	
		"Program and System Information Protocol for Terrestrial Broadcast and Cable, (Revision A) and Amendment No. 1," Advanced Television Systems Committee, December 23, 1997, 135 pages.	
		"Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB Systems," ETSI EN 300 468, Nov. 2000, 83 pages, Volume 1.4.1 European Broadcasting Union.	
		HASKELL, BARRY G. et al., Digital Video: An Introduction to MPEG-2; 1997; Pgs. 280-283; Chapman & Hall; New York, NY.	

Examiner Signature: <i>[Signature]</i>	Date Considered: 5-25-05
--	--------------------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.